

BILL NO. S-74-09-13

SPECIAL ORDINANCE NO. S- 158-74

AN ORDINANCE approving a certain bid document
with MEEK-MACK, INC. for vehicles for
Fire Department

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT

WAYNE, INDIANA:

SECTION 1. A certain bid document Ref. No. 593 dated June 27,

1974, between the City of Fort Wayne, by and through its Mayor and the Board of Public Safety and MEEK-MACK, INC., for:

Ten (10) 1250 GPM Diesel Power Pumper
Less Trade-ins

\$777.831.30

as more specifically set forth in said Ref. No. 593 and Purchase Order No. 3-26122-H which are on file in the Office of the Department of Purchasing, and are by reference incorporated herein and made a part hereof, are hereby in all things ratified, confirmed and approved.

SECTION 2. This Ordinance shall be in full force and effect from and after its passage and approval by the Mayor.

William T. Kinga
Councilman

APPROVED AS TO FORM
AND LEGALITY.

Neil Bla
CITY ATTORNEY

CITY ATTORNEY

Read the first time in full and on motion by Henry, seconded by V. Schmidt, and duly adopted, read the second time by title and referred to the Committee on Finance (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, the _____ day of _____, 197____, at _____ o'clock P.M., E.S.T.

Date: Sept. 24, 1974

Charles W. Ulsterman
CITY CLERK

Read the third time in full and on motion by Henry, seconded by Kraus, and duly adopted, placed on its passage. Passed (P.O.S.T.) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	to-wit:
BURNS	X				
HINGA	X				
KRAUS	X				
MOSES		X			
NUCKOLS	X				
SCHMIDT, D.		X			
SCHMIDT, V.					A
STIER		X			
TALARICO	X				

DATE: 10-8-74

Charles W. Ulsterman
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (Zoning Map) (General) (Annexation) (Special) (Appropriation) Ordinance (Resolution) No. 1-158-74 on the 8th day of October, 1974.

ATTEST: (SEAL)

Charles W. Ulsterman
CITY CLERK

Samuel J. Talarico
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 10th day of October, 1974, at the hour of 10:00 o'clock A.M., E.S.T.

Charles W. Ulsterman
CITY CLERK

Approved and signed by me this 10th day of October, 1974, at the hour of 3:30 o'clock P.M., E.S.T.

John F. Farley
MAYOR

S-74-09-13

bill No. _____

REPORT OF THE COMMITTEE ON FINANCE

Is, your Committee on Finance to whom was referred an Ordinance
approving a certain bid document with MEEK-MACK, INC. for vehicles for Fire
Department

have had said Ordinance under consideration and beg leave to report back to the Common
Council that said Ordinance DO PASS.

William T. Hinga - Chairman

John Nuckols - Vice-Chairman

James S. Stier

Winfield C. Moses, Jr.

Paul "Mike" Burns

CONCURRED IN

DATE 10-9-74 CHARLES W. WESTERMAN, CITY CLERK

memo from

Purchasing Department

September 11, 1974

Board of Public Safety-H
9th Flr., City-County Bldg.
One Main St., Ft. Wayne, Ind. 46802

Attention: Richard Drake

Subject: Bid No. 593

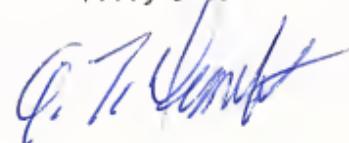
Attached is a copy of the successful bidder.

Meek-Mack, Inc.,

(P.O. 3-26122-H)

Ten (10) 1250 GPM Diesel Power Pumpers	\$849,831.30
Less Trade-ins per Bid	<u>72,000.00</u>
Total of Bid:	\$777,831.30

Tabulation sheet is attached.





THE CITY OF FORT WAYNE
department of public safety

29 August 1974

The Common Council
City of Fort Wayne, Indiana

Gentlemen and Mrs. Schmidt:

The Department of Public Safety is desirous of issuing, via the Purchasing Department, a purchase order to Meek Mack, Inc., of Fort Wayne, Indiana, for ten fire apparatus/pumper trucks in a total amount not to exceed \$777,831.30, including trade-in.

The Department further is desirous of cooperating with the vendor in allowing basic conversion of such vehicles to be initiated as soon as possible, especially in light of the earliest delivery promised being September of 1975. Therefore, we are requesting "Prior Approval" of this purchase order issuance. The same shall be submitted for formal introduction at the next regularly scheduled Council meeting.

For information, the following is a bid summary of all manufacturers submitting bids for such vehicles for Fort Wayne:

Firm	Price	Delivery
International Harvester Co., Fort Wayne Indiana	\$772,973.10	22-24 months *
Meek Mack, Inc., Fort Wayne, Indiana	\$777,831.30	9-15-75
Ward LaFrance Co. Elmira, New York	\$840,700.00	360 working days from ordering (20 months)

* In later written correspondence received after the closing date of bid submission, this firm indicated the ability to deliver the needed vehicles by September of 1975, but the vehicles would not include the bid-specified 29,000-pound-capacity rear axles. Still later, the firm verbally indicated that if given the purchase order, this specification could be met.

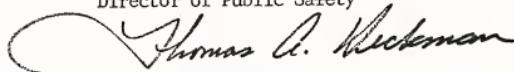
In addition, Meek Mack, Inc., was the sole vendor submitting a bid meeting all specifications as drawn by the Fort Wayne Fire Department, including the 'tilt-cab' concept which is necessary on the vehicles for expeditious repair, and the 29,000-pound capacity rear axles needed for such a heavy vehicle.

Many thanks.

Sincerely,

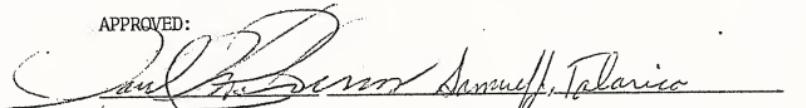
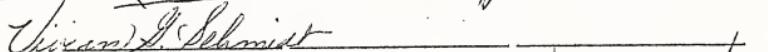
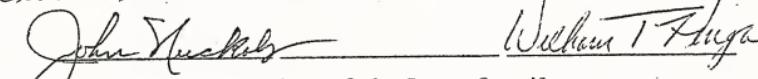
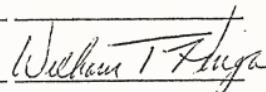


Thomas J. Casaburo
Director of Public Safety



Thomas A. Heckman
Fire Chief

APPROVED:

Members of the Common Council

COMPUTATION OF BIDS

BID REF. 593CLOSING DATE 6/27/74
Fire DepartmentTen (10) 1250 GPM
Diesel Power Pumper

Page 1 of 2

American LaFrance	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL
Howe Apparatus Inc.	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL
Ward LaFrance <i>Yfd. O.K. Bond</i>	<i>Firm for 30 days</i> TOTAL \$ <u>980,700.00</u> LESS TAX LESS TRADE <u>74,000.00</u> LESS DISC TOTAL <u>840,700.00</u> <i>36 working days later</i>	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL
Hoosier Fire Equipment	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL
Midwest Safety Equipment	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL
Stuphen	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL	TOTAL \$ LESS TAX LESS TRADE LESS DISC TOTAL

COMPUTATION OF BIDS

BID REF. 593CLOSING DATE 6/27/74
Fire Department

Page 2 of 2

Ten (10) 1250 GPM
Diesel Power Pumper

	TOTAL \$ <u>849,831.30</u> LESS TAX _____ LESS TRADE <u>72,000.00</u> LESS DISC _____ TOTAL <u>777,831.30</u> <i>Delv. 4-15-75</i>	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____
Meek Mack, Inc. <i>Afd. O.K.</i> <i>Bond</i>	TOTAL \$ <u>516,473.10</u> LESS TAX _____ LESS TRADE <u>43,500.00</u> LESS DISC _____ TOTAL <u>572,973.10</u> <i>22-24 Month Delv.</i>	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____
International Harvester <i>Afd. O.K.</i> <i>Bond</i>	TOTAL \$ <u>No Bid</u> LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____
<i>Haltzman's General Fire & Safety Dept.</i>	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____
	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____
	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____
	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____

Number One Main St., Ft. Wayne, Ind. 46802

Flag _____ of 20

INVITATION

Ref. No. 593

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

Date Jun 6, 1974

*Mail all replies and correspondence, etc. to A.T. Demetroff Tel. 423-7037 DEPARTMENT OF PURCHASES

Date wanted

Show Best Delivery

Fund Appropriation No. 730-7-726

Room 470, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department or Division Board of Public Safety, Fire Department

3rd Flr. City County Bldg.

One Main Street, Fort Wayne, Indiana 46802

Address

RETURN ORIGINAL TO THE CITY — RETAIN DUPLICATE COPY FOR YOUR FILE

Closing

Time of Bids 10:00 A.M. Thursday, June 27, 1974

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 84568. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
10		<p>1250 GPM Diesel Power Pumper with trade-ins, as per specifications enclosed.</p> <p>Trade-ins may be inspected by contacting Bill White, Fire Department, Telephone 423-7014.</p> <p>*Bidder may be required to furnish a performance bond in the amount of 100% of contract price.</p> <p>*Note: Out-of-State Bidders are required to submit a certified in the amount of 5% of Bid, as surety that an award will be accepted by the bidder if, successful.</p> <p>In State Bidders, use page 2, Line 16A.</p> <p>*Note: Bid to be as per specifications attached. Specifications Questionnaire must be fully completed, noting exceptions, or shown "as specified". Proposal and Bid Surety Form, and, Non-Collusion Affidavit must be completed. Failure to do so could result in rejection of your Bid proposal and/or acceptance of delivery by the Buyer.</p>		

Bid Bond required NO YES \$42,500.00Performance Bond NO YES *

See instruction Item No. 16 on reverse side hereof.

Terms None % cash discount if paid within None days from delivery and acceptance of goods or completion of services.

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions therof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and at the price set opposite each item.

By Sept. 15, 1975

Delivery of any or all of the items or completion of services indicated shall be made within 30 days from receipt of order.

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

Sign Here:

Mack Mack, Inc.

Name of Company

For John P. Dabbs Title IPAddress 3125 US 30 WestCity Ft. Wayne State Ind Date 6-27-74

A D D E N D U M

It is agreed that if the cost of labor, materials, body accessories or other equipment or component parts increases beyond the basis upon which the price set forth in this contract was established, then the Company may, at any time before delivery, increase the contract price accordingly. Any such increase in the contract price pursuant to this provision shall not prevent additional increases, if necessary, under the circumstances set forth herein. In no case shall the sum total of increases exceed eight (8%) percent of the contract price.

WITNESS our hands and official seals this 26th day of June, 1974.

Peggy Butte
10-5-75

MEEK MACK, INC.,
Party of the first part

By Frank R. Meek VP

Party of the second part

By _____



Proposal for Furnishing MACK FIRE APPARATUS

Manufactured by
MACK TRUCKS, INC.
ALLENTOWN, PA.

PROPOSAL—SPECIFICATIONS—CONTRACT

June 27 19 74

To Board of Public Safety

Fort Wayne, Indiana

Dear Sirs:

Subject to your acceptance of this proposal we hereby agree to furnish the following apparatus and equipment:

One (1) Mack MB 685 F(12) 1250 G.P.M. Triple Combination Pumper as per Ft. Wayne Fire Department Specifications.

All in accordance with specifications attached, and which are made a part of this proposal — shipment to be made from our Factory, Allentown, Pa., ~~in about Sept. 15~~ working days after acceptance of contract, for the sum of ~~Eighty-Four Thousand Nine Hundred Eighty-Three Dollars~~ & 13/100 (\$ 84,983.13) The proposal price cited herein is subject to modification as set forth in the attached addendum which is hereby made a part of this F. O. B. bid proposal.

Ft. Wayne, Indiana

Shipment is contingent upon delays or failure to deliver caused by or resulting from fire, strikes, labor troubles, accidents or by any other cause which is unavoidable or beyond the reasonable control of the company.

Unless accepted within ¹⁵ days from date hereof, this proposal shall become void if not renewed in writing by the bidder.

Contracts are taken subject to final acceptance being authorized by the President, Vice-President or Treasurer of the

Mack Trucks, Inc.

Respectfully submitted,

Meek Mack, Inc.

By *Frank R. Meek VP*

ITEM 1.

SPECIFICATIONS FOR MOTOR FIRE APPARATUS

TEN (10) 1250 5 MAN CANOPY TILT CAB DRIVE PUMPS, WITH TEN (10) PUMPS TO BE TRADED IN. TRADE PUMPS CAN BE SEEN BY FIRE DEPARTMENT, TELEPHONE 423-7014. CONTACT BILL WHITE.

IF IT BECOMES NECESSARY TO AWARD THE CONTRACTS TO MORE THAN ONE BIDDER THE TRADE-IN VALUE SHALL BE USED TO REDUCE THE PURCHASE PRICE OF THE PUMPERS.

SPECIFICATIONS FOR MOTOR FIRE APPARATUS
CAB FORWARD PUMPER--DIESEL ENGINE

Sealed proposals are desired from reputable manufacturers of fire apparatus in accordance with the following specifications.

1. RELIABILITY OF BIDDER

The bidder shall furnish satisfactory evidence of his ability to construct the apparatus specified and state the location of the factory where the apparatus is to be built.

2. WARRANTY

The bidder shall state what warranty he will offer against defective workmanship and material. The warranty shall not be less than one year parts and labor.

3. BIDDER'S SPECIFICATIONS

Each bidder shall make accurate statements in his proposal as to weight, wheelbase and principle dimensions. He shall specify the safe maximum speed for which the motor is designed and the gear reduction between the motor and driving wheels for each position of the gear shift.

4. LIABILITY

The bidder, if his bid is accepted, shall defend any and all suits and assume liability for the use of patented device or article forming a part of the apparatus furnished under the contract.

5. DELIVERY ENGINEER

A qualified delivery engineer representing the manufacturer shall deliver the apparatus and remain in the community for sufficient time, normally three or four days, to instruct fire department personnel in operation, care and maintenance of the equipment delivered.

6. INFORMATION REQUIRED

At least two copies of complete operation and maintenance manuals covering the complete apparatus.

At least one certified copy of the manufacturer's four-hour factory run-in test of the apparatus delivered.

U.L.I. Test MUST be made at factory of bidder and the certificate forwarded to the person designated by the purchaser.

7. GENERAL CONSTRUCTION

1. The apparatus shall be constructed with due consideration to the nature and distribution of the load to be sustained and to the general characteristics of the service. Frame, springs, radial arms, transmission, differential, axles, shafts and gears and all other parts of the machine shall be strong enough to withstand the road speed, practical tests and general service under full load. The machine shall be so designed that the various parts are readily accessible for inspection, adjustment and repair. Chassis shall be designed for fire apparatus use. To avoid divided responsibility, the bidder must be the manufacturer of the chassis and furnish original certificate of origin.
2. The apparatus shall be designed and the equipment so mounted with due consideration to distribution of load between front and rear axles, that all specified equipment, including filled water tank, a full complement of fire hose will be carried without injury to the apparatus. Weight balance and distribution shall be in accordance with the recommendations of the International Association of Fire Chiefs and National Fire Protection Association.

8. ENGINE

Diesel engine to be of the six (6) cylinder type and four (4) cycle type only. Specifically designed for heavy duty fire service. The engine shall have a minimum of 900 ft. pounds torque at 1200 R.P.M.'s and shall be capable of recovering from low speeds without the need of down shifting gears. No exception will be taken to this. The engine shall be equipped with a combination full flow by-pass oil filter and engine oil cooler. Bidder to supply complete information and engine power curve with their bid. Engine Perry water filter will be provided to clean coolant.

9. FUEL SYSTEM

Fuel line 3/8" with necessary filter, drain and sediment trap, must have removable screen in line. It shall be located so as not to be subject to heating and vapor locking. The fuel tank capacity shall be forty (40) gallons or more and made of corrosion resisting material. It shall be installed with removable brackets and bolted construction. It must fulfill NBFU and HR tests. Fuel gauges are to be located on driver's panel and operator's panel. The tank and fill pipe shall be placed as to be protected from mechanical injury and heat from the exhaust or other source of ignition.

10. COOLING SYSTEM

The cooling system of the engine shall be adequate to maintain the cooling water temperature at not over 200°F. It shall be self-contained with built-in auxiliary cooling system of the enclosed type to allow the use of antifreeze without loss.

A bypass thermostat of the automatic type shall be furnished and installed. Drain cocks shall be of a type that cannot be accidentally opened by vibration. This cooling system to be equipped with a Perry Water Filter or equal. The radiator shall be so mounted as not to develop leaks due to normal fire department running and operating of the truck, and shall be corrosion resistant. Automatic radiator shutters shall be supplied. Radiator shall have at least 1000 sq. in. in frontal area.

11. TRANSMISSION

The transmission is to be a heavy-duty automatic, HT740D Allison.

12. AXLES

FRONT AXLES

The front axle shall be high grade solid forged I-Beam of liberal dimension. The spindles and steering arms shall be of the best quality heat-treated alloy. The cross steering rod shall be fitted with ball and socket connections to eliminate the possibility of binding and insure easy steering. 12,000 lb. minimum capacity for 5 man canopy tilt cab. Stemco seals required on front axles.

REAR AXLES--DUAL REDUCTION

Rear axle shall be heavy-duty positive traction with not more than 80% torque on either rear axle shaft, with load rating 29,000 capacity. Transmission gear ratios shall be such as to provide good acceleration and hill climbing performance without over speeding the engine at minimum of 50 m.p.h. Bidder shall give gear ratios in questionnaire or separate statement. The axle manufacturers approval of the proposed axles shall accompany the bid. Stemco seals required on rear axles.

13. BRAKES

AIR BRAKES

The braking system shall be independent and separate service from parking brakes. All brakes shall be readily accessible for adjustment. Brake chambers to be of diaphragm type. Brake application valve to be valve and treadle combination high capacity type. Slack adjusters to have positive locking device on adjusting screw. Air gauge to be mounted separately on dash in easy sight of operator. Installation shall meet with approval of the manufacturer of the brake equipment.

The air brake system shall be of the quick build-up type and shall include an air compressor of at least 12 cubic feet capacity, slack adjuster, low pressure signal light and buzzer, quick release valves and axle mounted brake chambers. Pilot

reservoir and main reservoir having a minimum capacity of 2800 cubic inches. Moisture ejection valves fitted to reservoir tanks operated by quick release valves. A Maxi-brake air brake, or equal, shall be installed so that the apparatus cannot be moved when air is low.

PARKING BRAKE

The emergency and parking brake shall be of the spring set type which shall operate on the rear wheels. The emergency system shall be equipped with a separate release tank.

14. UNIVERSAL JOINTS--PROPELLER SHAFT

Driveshafts to heavy wall high tensile strength seamless steel tubing $3\frac{1}{2}$ " or more. Driveshafts will have yoke-type joints.

Universal joints shall be of a type and of a size adequate to transmit the torque developed in the driving line. The chassis design shall be such that maximum universal joint angle does not exceed ten degrees under any condition or rear axle deflection.

15. STEERING

The steering unit must be equipped with power steering and in case of failure of power steering, the conventional steering must be able to take over.

16. STEERING GEARS

The heavy-duty steering mechanism shall be capable of turning the front wheels to an angle of at least thirty (30) degrees either right or left. Power steering, Ross or equal, steering wheel shall be 20" or more. The manufacturer's approval of the proposed steering gear for this apparatus shall be submitted with this bid.

17. FRAME

The frame shall be of suitable size and design to safely carry the total load to be applied, and equipped with proper cross members and gussets to effectively maintain alignment of chassis parts with tow eyes mounted on front and rear. A minimum section modulus of 9.76 must be supplied.

18. SPRINGS-SHOCK ABSORBERS

Heavy-duty standard production front and rear shock absorbers shall be furnished.

All springs shall be semi-elliptic without undue deflection, and flexible enough to ride the load easily without damage under the conditions encountered in the intended service.

Fenders and guards shall be braced and firmly secured with clearance to wheels with skid chains in place being in conformity with the standards of the Chain Institute, Inc., Cleveland, Ohio.

19. WHEELS AND TIRES

Single front and dual rear wheels must have interchangeable rim. Rims shall conform with the National Tire and Rim Association. The dish of the rear wheels shall provide ample clearance between the tires to accomodate the installation of single skid chains used in winter service. Specifications: all tires shall be 11:00 x 20-14 Ply. Front tires shall be regular tread, rear to be snow tires. No spare tire is intended to be furnished. There shall be no excess tire loading according to accepted highway standards for the tire size.

20. BUMPER

A heavy chrome-plated, heavy steel wrap around bumper or a design to protect the front of the apparatus in case of minor mishaps, shall be attached with suitable brackets to the frame. Attachment to be made with spring steel bars or other flexible means.

Bumper to be extended to include room for compartment to carry 15' of $4\frac{1}{2}$ " pre-connected soft suction hose and plug wrench. (Compartment size to be 35" wide, 11" deep and 11" high).

Space between cowl and bumper to be covered with 1/8" aluminum tread properly supported.

21. BOOSTER TANK

Booster tank of 750 U.S. gallons capacity. Tank to be constructed of 10 gauge steel, epoxy coated. Top of booster tank to be removable. Booster tank to be equipped with the following:

- One (1) 2" fill tank line with check valve in line and $\frac{1}{2}$ turn valve, panel operated.
- One (1) drain for booster tank, panel operated.
- One (1) 3" or larger vent and overflow.
- One (1) 3" or larger brass pipe from tank to pump with check valve in line, $\frac{1}{4}$ turn valve, 500 GPM, panel operated.
- One (1) electric water tank gauge on operator's panel with MC four (4) lite water level gauge.

22. BOOSTER REEL

Two (2) Tokheim Booster hose reels, Model SFT-30-10-26, with matching hose roller assemblies and electric rewind, with Underwriter's approved waterproof low-amperege reel motor. Located at top and front end of apparatus body directly behind fire pump. Reel mounted as low as construction will permit. Quick-acting cut off switches located between electric power source and solenoid or reel, and panel mounted on each side of pump with each reel operating on individual switches (total of four switches).

One (1) set of three (3) chromed hose rollers with guides, two (2) mounted outside of reels, one (1) mounted between reels approximately four inches (4") higher than hose reel. Rollers to match booster reels. Reel capacity 200' of 1 $\frac{1}{2}$ " I.D. booster hose on each reel--total of 400'.

Four hundred (400') of 1 $\frac{1}{2}$ " Monarch 253165 booster hose 200 p.s.i. working pressure, 400 $\frac{1}{2}$ lb. test pressure, _____ lb. burst pressure and coupled in 100' lengths with lightweight Bar-Way couplings, two (2) Elkhart SM-10, Select-O-Matic Nozzles to be housed in chrome plated booster nozzle holder.

23. ELECTRICAL & LIGHTING

The electrical system and associated devices shall be installed in accordance with best modern automotive practices. Alternator and starter shall be waterproof, accessibly mounted and protected from excessive heat.

All electrical circuit wiring shall be stranded conductors with maximum circuit loading. Insulation shall be in accordance with the recommended standards of the Society of Automotive Engineers for such loading. Covering of the conductors shall be waterproof. Connections shall be made with lugs or terminals mechanically secured to the conductors. All wiring shall be thoroughly secured in place and protected against heat, oil and physical injury as far as possible. All terminal blocks exposed to the elements shall have a weatherproof cover. All circuits shall be provided with suitable overload circuit breakers on one panel and labeled, which shall be readily accessible. Four (4) heavy-duty, 6-Volt at 200 ampere hour rated batteries. The batteries shall be readily accessible for testing, service and maintenance. Add polarized charging plug for A & B batteries. A system installed to permit starting of the engine from either battery system and/or both battery systems in parallel by way of a Cole-Hersee M705 revolving vaporproof battery selector and disconnect switch.

- a. For ignition and lights alone, or for starting alone, or for starting ignition and lighting.
- b. Both sets of batteries may be used simultaneously in starting.
- c. Neither the lighting wiring nor the ignition wiring will be connected to both sets of batteries except when both starter switches are operated.
- d. The alternator shall be connected to supply the batteries which are being used for ignition and lights.

Electric starter for engine shall be 12Volt Standard production unit for truck proposed to be furnished, but when operating under maximum load it shall not cause current-draw which will adversely effect the ignition system.

Lighting and warning lights provided shall be:

- One (1) pair of headlights.
- Two (2) tail lights--chrome plated.
- Two (2) red flasher lights, 6" or larger on cowl, chromed and mounted.
- Four (4) separate directional signal lights, self-cancelling type, two front, two rear, chromed and mounted.

The tail lights and stop lights shall be mounted so they will not be obscured by equipment or men normally carried on the rear step, high as possible. All lights shall be flush mounted.

Two (2) six inch (6") chrome-plated sealed beam spotlights shall be furnished, mounted one on each of the front corners of the cab with operation from inside the cab.

Twinsonic red and white lights TS-24 speakers, mounted as far forward on cab as possible, with clear lens.

Two (2) spotlights chrome plated, sealed beam, clear lens, stanchion mounted with swivel joints shall be mounted on rear by corner posts.

Two (2) Red rote beam lights, Whelen Roto Beam, mounted beside rear spotlights on stanchions.

One (1) hazard switch for directional lights.

The alternator shall be "Leece-Nevill", 130 amp., with built-in silicon rectifier, with 1200 watt D.C. transformer, with two (2) 20 amp., 110 Volt, weatherproof outlets, one each side, with weatherproof covers, in addition to required and specified 12 Volt electric loading.

Two (2) cab lights one each side--inside over door.

Two (2) canopy lights one each side--above seats.

Two (2) motor compartment lights--1 each side, 21 candle power.

Master switch to control all lights, head, tail clearance, compartment light with dash mounted switches to be provided for individual control of all except compartment lights.

Compartment lights shall be mounted in top of compartment with automatic compartment door switches.

One Mars 888, figure 8, white light mounted, on cowl, center.

Pump panel well lighted.

Instrument panel well lighted.

Glove compartment lighted.

CAB AND BODY

Cab and body to have deluxe trim, chrome bumper, chrome grill and aluminum deck plate etc. Overall length not to exceed 327", maximum height, 117".

Cab especially designed and constructed for fire service. Five (5) man cab canopy tilt type seating two (2) men in cab and three (3) under canopy. Cab tilt to be hydraulically operated. Chassis shall be built by the manufacturer of apparatus bid.

All cab glass of safety plate type, mounted in rubber, including windshield and all windows. Large, 2-piece sliding rear-view window between driver compartment and canopy. Cab door of retractable glass type. Windshield, 2 section.

Provisions shall be made to insure proper clearance, when fully loaded between rear wheels and rear fenders and fender wells for the use of tire chains in winter driving.

Metals used in fenders, cab and other body components shall be of minimum thickness 14 gauge stretcher-levelled steel.

The driver's and Captain's seats shall be of the bucket type, Viking T-Bar Bostrom Seat, or equal, 4-Way adjustable, equipped with seat belts, one (1) set of seat belts for driver's seat and one set for Captain's seat and three (3) sets of seat belts for jump seat at rear of cab. All seats shall be of foam rubber with genuine leather upholstery or fabric-backed vinyl--black in color.

Windshield to be fitted with two (2) heavy-duty air type windshield wipers and sunvisors.

Cab to be fitted with hot water heater 20,000 BTU or more, with blower and dual defroster attachments to be properly installed with connecting hose and variable controls.

Cab shall have two (2) chrome west coast type rear view mirrors with diminishing mirrors, one (1) on right, one (1) on left side, size 16 x 6. Aluminum or chrome plated kick-plated under cab doors and on front and back of front fenders. Floorboards in cab of safety diamond-studded steel, and cab to be of all steel construction.

Cab to be equipped with six (6) grab rails, three (3) on right side, three (3) on left side. Grab rails to be furnished at entrance of both doors and at entrance on both sides of canopy entrance on both sides. Grab rails shall be aluminum of 1 3/8" diameter. A minimum of 14" long at both doors and 24" long at canopy entrances. Heavy chrome plated and mounted with proper brackets. Rock shield on cab front.

Interior to be black in color.

Motor hood shall be aluminum and heavily insulated.

Require two (2) each on right side and two (2) each on left side, fold-down chrome steps where space is available to make access to booster reels easily accessible.

Two (2) heavy steel tow-eyes, both front and rear shall be furnished. Tow-eyes are to be fastened directly to the side members of the chassis frame. Tow-eyes shall be of a size and strength and so installed so that apparatus may be lifted or towed without damage to body structure. Rear tow-eyes to be installed in the normal manner.

25. HANDRAILS

A heavy chrome plated 1 3/8" handrail with proper fitting, shall start 18" above the rear footboard and up to the back of the hose bed and back down to 18" above footboard. There shall be a hose roller on each side starting at footboard then up as far as is needed for hose, inside of handrail. A cross-over grab rail at back of hose bed between stanchions, heavy chrome plated. A 1 3/8" chrome plated handrail, 24" mounted below hose bed in middle of rear discharge panel.

26. RUNNING BOARDS AND REAR STEP

Running boards and rear step to be made of 1/8" thick aluminum diamond tread plate with proper brackets and braces. Rear step to be deep enough to carry Akron Portable Hydrant Model 600, and a maximum of twenty (20) inches in height from top of tread plate to ground. Full width of apparatus, braced so trailer hitch can be added. Portable hydrant to be included.

Dimonette aluminum to cover rear of hose body.

27. FIRE PUMP

Class A centrifugal two stage 1250 g.p.m. fire pump, midship mounted and capable of passing all N.B.F.U. Bulletin No. 19 tests without motor exceeding peak speed as recommended by engine manufacturer.

28. PERFORMANCE CHART

1250 G.P.M. @ 150 PSI	at 80% of Engine Speed
875 G.P.M. @ 200 PSI	at 80% of Engine Speed
627 G.P.M. @ 250 PSI	at 80% of Engine Speed

Guarantee performance chart shall be met at the rear discharge of pump.

The Fire Pump shall be of Nickel Alloy Cast iron construction, and of series parallel centrifugal type. All pump inlets, outlets, manifold and suction tubes shall be Nickel alloy cast iron or black iron.

Impellers of bronze with propeller shafts of stainless steel or monel metal. Impellers in static and dynamic balance.

All inlets and outlets, fittings and caps to be fitted with National Standard Fire Hose Threads.

There is to be one (1) six inch (6") suction inlet on each side of apparatus with removable brass screen strainer bas-kets, 6" manifolds to be of short type and equipped with $\frac{1}{4}$ turn Pyrolite valves with $4\frac{1}{2}$ " inlet and long handled chrome plated caps.

There is to be one suction inlet, 5" reduced to $4\frac{1}{2}$ ", to be provided at front, just above bumper and to be gated and controlled from operator's panel with $\frac{1}{4}$ turn valve and removable brass screen strainer bucket.

There are to be two (2), two and one half inch ($2\frac{1}{2}$ ") suction inlets to be provided. One each side of apparatus, near large inlets and gated, controlled from operator's panel.

These two (2) inlets shall have chromed female adapters pin type, brass strainers, and a chromed male plug fitted with a female booster hose fitting, and a chromed male booster hose plug with chrome chain. Also these inlets shall have a bleeder valve between cap and valve to be panel operated. Bleeder shall drain under running board.

The pump shall have a central pump draining system of dump valve, controlled from pump operator's panel and so arranged that water drains underneath and not over running boards. Fire pump to be fitted with five (5) outlets, quarter-turn locking ball type, with 3/4" hose drains, to drain under running board, not over, and all outlets controlled from pump operator's panel, far-side outlets by remote controls. The $2\frac{1}{2}$ " outlets to have $2\frac{1}{2}$ " chromed male adapters with N.S.F.H.T. then a $2\frac{1}{2}$ " female to $1\frac{1}{2}$ " male chromed reducers, with chromed caps and chains. Two (2) outlets on operator's side, three (3) on operator's side.

One (1) pre-connect Monitor nozzle, Elkhart Cobra Model #299, or equal, with Elkhart SM100 nozzle, or equal, to be mounted above pump, in conjunction with N896 Elkhart Ball Valve, or equal. Exact location depending on physical configuration of apparatus, final decision to be made by Fire Chief.

One set of Underwriter's test plug connections required for testing apparatus upon delivery and at annual service test time.

One (1) 4" rear discharge outlet, at right rear of apparatus, quick action valve, controlled from pump panel, to be used for 150' of $2\frac{1}{2}$ " pre-connected hose, piping will be 4" with $3\frac{1}{2}$ " full flow valve, discharge to have 45 degree angle, NFSHT thread, as close as possible to hose body. Must discharge full capacity of pump.

Recommended piping from pump to discharge, two (2) each, $3\frac{1}{2}$ " line siamese into one (1) 4" rear discharge--gated at $3\frac{1}{2}$ " both lines operated at operator's panel.

Nine (9) pressure gauges, one (1) from discharge side of pump, one (1) for each $1\frac{1}{2}$ ", $2\frac{1}{2}$ " and 4" discharge outlet. Gauges with standard $\frac{1}{4}$ brass pipe fittings.

vacuum. All gauges of 400 p.s.i. minimum pressure and not less than 3½ inches in diameter, with chrome plated rings.

All pump operation gauges plus tachometer gauge and transmission temperature gauge mounted on complete chrome-plated or stainless steel pump panel. All control handles or handle stems made of bronze or brass to be heavily chromed. If made of steel castings they are to be bronze brushed and nickled before chroming. Aluminum control handles and handle stems not accepted.

Removable pump panels both side, with pump access door one side.

29. PRIMING SYSTEM

Approved rotary gear or vain type priming system, with control on operator's pump panel.

30. MANUAL PROVISIONS

Convenient manual provisions shall be provided so all electrical pump accessories can be operated by hand in case of emergency.

31. RELIEF VALVE

Approved automatic relief valve or pressure regulator for controlling pumping pressures over the full range of pressures required by modern fire fighting techniques. This to permit any or all nozzles to be shut off or opened without materially effecting the fire pump pressure.

32. PUMP CAPACITY

Pump shall meet all N.B.F.U. No. 19 specifications for a 1250 gallon per minute pump.

33. RESERVE CAPACITY TEST

In order to insure that the pumping engines will have ample reserve pump capacity, the following additional pumping test will be required:

The engine shall demonstrate its ability to deliver 1425 gallons per minute at 150 lbs. net pump pressure for a period of one (1) hour.

This test to be made while using 6" diameter suction hose and National Board of Fire Underwriter's hose layout and nozzle size, and at a suction lift not to be less than ten feet.

During this test the engine is not to exceed governed peak speed.

34. LUBRICATION-CHASSIS

Zerk system of lubrication to be provided throughout.

35. PIPING AND VALVES

All piping and fittings shall be black iron with Vitraulic coupling.

The pump shall be mounted on the chassis so that in the event of major repairs or to overhaul, the work may be done without any great amount of dismantling or disturbing of any of the major components of the apparatus.

All valves, including suction, to be quarter turn, quick action ball type, and shere remote with push-pull rods affording pump operator's panel control.

All threads to be NFSHT.

36. TRANSFER VALVE

Shall be electric, to operate both volume and pressure without shutting down engine or pump, manual control for emergency operation at control panel.

37. HOSE BODY

Hose body to be minimum of 12 gauge steel. Inside of hose compartment to be free of projections such as nuts, bolts, sharp edges, and/or brackets that might injure the fire hose.

Hose body to have one (1) steel horizontal divider to form compartment to hold 150' of 2 $\frac{1}{2}$ " pre-connect hose, approximately 5 $\frac{1}{2}$ " wide, so top layers of hose do not slip and fall down alongside of balance of 2 $\frac{1}{2}$ " hose, compartment to be located above 4" rear outlet, at right side of hose bed, with adapter reduced to 2 $\frac{1}{2}$ inch. 2 $\frac{1}{2}$ " hose may also be pre-connected to 4" outlet. Gated and controlled from operator's panel.

Hose body is to house a hose reel, Tokheim ADS 38-15-30, to hold a minimum capacity of 500' of 5" I.D., 3 Ply Synthetic hose, approximate size--44" wide, 41" height, 39" depth, to be mounted for best weight distribution. This reel to be located as close to right side of 2 $\frac{1}{2}$ " pre-connect hose compartment as feasible, back of center of rear wheels, to allow enough space for additional hose storage carried, rolled and flat, approximately four (4) rolls.

Hose rollers are required at extreme rear of hose bed with vertical rollers on extreme rear of hose bed right and left in line with 5" booster reel.

Steel divider to form left side compartment to be located as close as feasible to 5" reel to house additional 2 $\frac{1}{2}$ " hose.

Lower hose reel, Tokheim ADS 39-15-59, width-68", height-41", depth-39", to house a minimum of 1000' of 5", 3 Ply Synthetic hose, to be located at rear of apparatus, tailboard height, flush with top hose bed. All large hose reels are to be operated by compressed air or hydraulic system, control for reels to be easily accessible and not in way of hose layout preferably on rear of discharge panel.

Each side of the body is to have a pump compartment, directly over Fire pump, each compartment is to carry 150' of hose.

Diamonette aluminum reinforced cover, hinged at rear to cover 1½ and 2½ compartments.

38. PUMP PANEL

All necessary gauges and controls for operating pump shall be grouped at operator's station on driver's side of apparatus. These include all discharge gates, intake gates, drain valves, auxiliary cooler, pressure governor, engine throttle, priming pump, changeover valves, tachometer, oil pressure gauge, fuel gauge, temperature gauge, Hoff engine hour meter, gauges for each discharge gate, pump pressure gauge, compounded vacuum gauge, also water level gauge for booster tank. One set of test plug connections, plus RPM adapter for hand counter required for testing apparatus upon delivery and at annual service test time. Starter switch.

39. COMPARTMENTS

Radio compartment enclosed, in cab of truck, must be absolutely waterproof.

Compartments to be located on each side, back and front of rear wheels, as large as chassis space will permit. Lower compartments to be flush with upper compartments and not protrude beyond. Top of compartments shall be covered with tread plate aluminum. On left side, there shall be two (2) compartments above running board compartments hinged at top approximately 30" high x 60" wide x 11" deep, (30 x 60 x 11). Two (2) doors are to be equipped with telescoping stay arms. This compartment is to replace hard suction hose holders. All compartment doors to be installed with bolted, brass or stainless steel piano hinge with $\frac{1}{4}$ turn positive pin type handles and chrome recessed, dual lock and rod control having flush locks. Doors to be double panel construction for additional strength. All compartments shall be of waterproof construction and have automatic lights. Lights shall be mounted in the top of compartment. Additional information can be obtained from the Chief of the Fort Wayne Fire Department. Drip molding on all compartments, all compartments to have hardwood slatting at bottom, varnished, slatting to have 3/8" to 1" spacing for ventilation.

40. FOAM INDUCTORS

To be piped into 1½" booster reels, so chemical does not go through pump. Needs 95 G.P.M. through each booster reel. Thirty (30) gallon stainless steel reservoir to have fill on top on extreme left or extreme right side, 2½" in diameter fill pipe to be located

41. INSTRUMENT PANEL

Instrument panel in cab to be properly lighted and contain the following:

- a. Speedometer registering road miles.
- b. Motor oil pressure gauge.
- c. Motor temperature gauge.
- d. Diesel fuel tank gauge.
- e. Ammeter, 100 amp Stewart Warner or equal and Voltmeter.
- f. Air gauge and warning light and buzzer.
- g. Glove compartment, metal, lighted.
- h. Metal shifting diagram plate.
- i. Independent light switches.
- j. Master switch.
- k. Hazard switch.
- l. Ignition switch and lights.
- m. Siren controls--transistorized electronic siren.
- n. Starter switch.
- o. One pump panel.

All switches and gauges to be clearly labeled and in clear view and easy reach of driver. Siren control to be in easy reach of driver or officer.

42. PLATING

All iron or steel parts that are to be plated shall be given a heavy deposit of copper and nickel before being chrome plated.

43. LETTERING, STRIPING AND PAINTING

A long lasting finish of highest quality desired. Finish in DuPont of equal, automotive enamel, lime yellow. All lettering, striping and required fire department emblems and/or insignia is genuine gold leaf properly shaded. FORT WAYNE in large letters on each side of apparatus. F.D. in scroll on each cab door, arranged as on apparatus now in service. Decalcomania applications unacceptable. Paint color to be selected by Chief of Fort Wayne Fire Department--cab from belt line up to be white.

44. TWO PLAQUES

Two cast brass chrome plated plaques with names of city officials. See attached sheet for details. These plaques to be purchased from E.L. Ponader Co., 4317 Weisser Park Ave., Fort Wayne, Indiana.

45. TOOLS AND MANUALS

Bidder shall furnish:

- 1-Wheel nut wrench
- 1-12 Ton hydraulic jack and handle
- 1-set of auto tools in container
- 2-mechanic manuals on full mechanical operations
- 1-rubber mallet

- 1-parts catalogue for all parts
- 2-operator's manuals
- 2-diagrams and prints of finished equipment in detail

46. AUDIO EQUIPMENT

Two (2) each Grover Suttertone air horns. One mounted each side top of cab, operated by horn button and push button switch on right side of dash.

One (1) Federal interceptor siren model PA 20A with high-low complete with microphone and TS24 speaker to be mounted in Twinsonic Red Light.

47. FIRE EQUIPMENT

One (1) Alcolite aluminum 24' extension ladder with one (1) 14' aluminum roof ladder with hooks mounted on right side of body above fender with chrome plated hold-down clamps.

48. FAILURE TO MEET TEST REQUIREMENTS

In the event the apparatus fails to meet the test requirements on first trials, second trials may be made at the option of the contractor within thirty days of the date of the first trials. Such trials shall be final and conclusive and failure to comply with these requirements shall be cause for rejection. Failure to make such changes as the purchaser may consider necessary to conform to any clause of the specification within thirty days after notice is given to the contractor to make such changes shall also be cause for rejection of the apparatus. Permission to keep or store the apparatus in any of the buildings owned or occupied by the purchaser or its use by the fire department during the above specified period with the permission of the contractor shall not constitute acceptance of same.

49. OTHER EQUIPMENT

Equipment with mounts, but not mounted

2-5", 45 degree elbows, at rear discharge, NSFHT; at rear intake, NSFHT.

1- $2\frac{1}{2}$ to $1\frac{1}{2}$ to $1\frac{1}{2}$ Gated Y with Chicksan Swivel-- lightweight.

2-500 Quartz lights mounted on pump body immediately behind cab on telescoping pipe wired directly to transformer (through switch on pump panel), exact location to be determined after bids are let.

4-Ziamate air tank brackets.

50. NATIONAL STANDARD FIRE HOSE THREAD

Hose Size	Male Thd. Size O.D.	Female Thd. Size O.D.	Thds. Per Inch
$1\frac{1}{2}"$	2"	1 7/8"	9
$2\frac{1}{2}"$	3 1/16"	2 15/16"	7 1/2
$4\frac{1}{2}"$	5 3/4"	5 1/2"	4
5"	6 1/8"	5 13/16"	4
6"	7 1/4"	7"	4

51. OPTIONS

The options listed below should be priced as alternatives to basic specifications:

1. Top hose reel (delete).
2. Stainless steel booster tank.
3. Windshield wipers--heavy duty electric.
4. Rear suction inlet for 5" hose. Minimum 3 $\frac{1}{2}$ " piping. 45° intake. One-quarter turn valve at pump panel.
5. Plaque -- Cast aluminum.

52. OPTION - MAINTENANCE CONTRACT

To cover all costs - material and labor from delivery date up to and including the fifth year of operation (1975-1980 inclusive). Renegotiable at five years for two additional three year periods (5-3-3).

53. HOSE

2150 feet of 5" "Protector" duralight synthetic fabric hose with Storz quick connect couplings as follows:

20 - 100' sections/couplings
2 - 50' " "
2 - 25' " "

54. DELIVERY DATE

All units supplied are to be delivered no later than September 15, 1975. An unconditional penalty charge of \$200 will be imposed for every day delivery is prolonged past deadline date. (Bidder must agree to above to be considered for contract award).

55. COUPLINGS AND ADAPTERS (SNAP-TITE COUPLINGS)

- 1 - 5" to 2 $\frac{1}{2}$ " male (rear discharge).
- 2 - 5" to 4 $\frac{1}{2}$ " female with blind cap.
- 2 - Snap-Tite spanner wrenches.
- 1 - 5" to 4 $\frac{1}{2}$ " female swivel (NST).
- 1 - 5" Snap-Tite to 4" NST female.

Trade-ins:

I - 1966 Howe Int'l. 1250 GPM Pumper #2	\$ 8000.00
I - " " " " " " #6	\$ 8000.00
I - " " " " " " #7	\$ 8000.00
I - " " " " " " #10	\$ 8000.00
I - " " " " " " #11	\$ 8000.00
I - " " " " " " #12	\$ 8000.00
I - " " " " " " #13	\$ 8000.00
I - " " " " " " #14	\$ 8000.00
I - 1963 Midwest Int'l. 1000 GPM Pumper #5	\$ 4000.00
I - 1961 Howe Int'l. 1000 GPM Pumper #S-2211	\$ 4000.00

Total Trade-ins: \$ 72,000.00

Total: 849,831.30

Less Tax: -----

Less Trade-ins: 72,000.00

Less Discount: -----

Net Total: 777,831.30

SPECIFICATIONS QUESTIONNAIRE

Bidders Proposal - To Be Completed
By the Bidder

The following questions may be answered in the affirmative, if applicable;
thus: "as specified". Otherwise, deviations must be shown.

1. Reliability of Bidder: Mack Trucks, Inc. Fire Apparatus Manufacturers
for 75 yrs. Meek Mack, Inc. Dist. for 13 yrs.-Ft. Wayne
2. Warranty: see Warranty attached and additional warranty
3. Bidder's Specifications: Attached as per city Fire Dept. specifications
4. Liability: as specified
5. Delivery Engineer: yes
6. Information Required: as specified
7. General Construction: as specified
 1. _____
 2. _____
8. Engine: Mack EMDT 675 Maxidyne Diesel
9. Fuel System: American Bosch
10. Cooling System: 1000 sq. in. frontal area, water filter, pressurized
radiator
11. Transmission: Allison HT740D Automatic Transmission

12. Axles: MackFront Axles: FA 532C 12,000#Rear Axles - Dual Reduction: RAD 608 (29,000#) Dual Reduction13. Brakes: Bendix-WestinghouseAir Brakes: yesParking Brake: Spring type with extra reservoir and control in cab.14. Universal Joints - Propeller Shaft: Yoke type, Spicer 171015. Steering: SGP 48 (Power) Ross integral gear16. Steering Gears: yes17. Frame: 9" x 3 $\frac{3}{4}$ " x $\frac{3}{4}$ " heat treated, yield 110,000#, reinforced.18. Springs-Shock Absorbers: as specified, front shock absorbers only19. Wheels and Tires: 11:00 x 22 (14) Ply20. Bumper: As specified21. Booster Tank: As specified22. Booster Reel: As specified

23. Electrical & Lighting: As specified

24. Cab and Body: As specified, seats in cab to be Gray in color

25. Handrails: As specified

26. Running Boards and Rear Step: as specified

27. Fire Pump: Waterous CMB 1250 G.P.M. two-stage. Malleable iron housing and manifolds.

28. Performance Chart: enclosed

29. Priming System: electric vane type, control on pump panel

30. Manual Provisions: same

31. Relief Valve: As specified

32. Pump Capacity: 1250 G.P. M.

33. Reserve Capacity Test: As specified

34. Lubrication-Chassis: Zerk

35. Piping and Valves: As specified

36. Transfer Valve: As specified

EXHIBIT 10 - CONTRACTOR'S FORMS
(Continued)

37. Hose Body: As specified

38. Pump Panel: As specified

39. Compartments: As specified

40. Foam Inductors: As specified

41. Instrument Panel: As specified

42. Plating: As specified

43. Lettering, Striping and Painting: As specified

44. Two Plaques: yes, as specified

45. Tools and Manuals: Yes

46. Audio Equipment: As specified

47. Fire Equipment: As specified

48. Failure to Meet Test Requirements: As specified

49. Other Equipment: As specified

SPECIFICATIONS QUESTIONNAIRE
(Continued)

50. National Standard Fire Hose Thread: Yes _____

51. Options: As specified

1. Top hose reel (delete): Alternate Bid _____
2. Stainless Steel booster tank: Alternate Bid _____
3. Windshield wipers - heavy duty electric: Cannot Furnish _____
4. Rear suction inlet for 5" hose. Minimum 3 1/2" piping. 45° Intake.
One-quarter turn valve at pump panel: ~~_____~~
WE CANNOT FURNISH.
5. Plaque - Cast aluminum: or cast Bronze, chrome plated _____

* 52. Option - Maintenance Contract: yes See following page-item 52

53. Hose: AS specified

* 54. Delivery Date: September 15, 1975 or Before See following page-item 54

55. Couplings and Adapters (Snap-Tite Couplings): Yes, as specified

#52

Optional Maintenance Contract

The following Maintenance Cost is for the Mack Truck Chassis only and does not include tires, fire truck body and related fire equipment.

\$115.28 per month based on 200 tachometer hours per year and \$3.75 per hour for every hour over 200 hours.

The hourly cost over 200 will be adjusted at each anniversary date.

The above cost will increase five percent when Meek Mack, Inc. parts and labor increases five percent.

This agreement is subject to cancellation by either party each six month period of the contract with 30 day written notice.

A formal contract will be presented for approval and signature at the time the 10 units are placed into service.

#54

Mack Trucks, Inc. will submit to a cost adjustment charge of \$25.00 per day per unit to a maximum charge of \$1,500.00 per unit. The \$25.00 per day charge per unit will total \$250.00 per day for the ten units. A maximum of \$15,000.00 for the ten Mack Fire Trucks.

NON-COLLUSION AFFIDAVIT

STATE OF INDIANA, {
Allen COUNTY } SS:

The undersigned bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting, nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such sale or contract.

Frank R. French Jr.
Bidder or Agent

For *Frank R. French Jr.*
Firm or Corporation

Subscribed and sworn to before me this 26th day of January, 1974

My Commission Expires

10-5-75

Peggy Bartholomew

REQUEST FOR PUBLICATION

News	X
Sentinel	X
Journal	X
Gazette	
Other	

DATE June 6, 1974

Kindly publish the following
advertisement on the dates as
shown and issue invoice to *

* Department Board of Public Safety, Fire Dept.
Address 3rd. Flr. City-County Bldg.
One Main Street, Fort Wayne, Ind. 46802

Department of Purchases
City of Fort Wayne

By A.T. Demetroff

BIDS WANTED - REFERENCE NO. #593

Sealed Proposals will be received by the City of Fort Wayne at the
Office of Department of Purchases, Number One Main Street, Room
470, Fort Wayne, Indiana, until Thursday, June 27, 1974 at 10:00 A.M.
for the following items:

Ten (10) 1250 GPM Diesel Power Pumper

Bid Forms, specifications, etc., may be obtained upon application at
the office and address given above.

A Bid Bond or Certified Check in the amount of \$ 5% of Bid
must be submitted with the bid.

Department of Purchases
City of Fort Wayne
By A.T. Demetroff
Director of Purchases

INSERT 1st RUN	REPEAT 2nd RUN	Type of Advertising Required
June 10, 1974	June 17, 1974	LEGAL NOTICE <input checked="" type="checkbox"/>

PROPOSAL AND BID SURETY FORM

PROPOSAL:

In compliance with the foregoing invitation to bid and subject to all of the conditions thereof the undersigned offers and agrees, if this bid is accepted within a reasonable time from date of opening of bids, to enter into a contract in accordance with the prices stated herein.

The Legal Advertisement, General Conditions, Instructions to Bidders, Information for Bidders, Special Conditions, Specifications, and Plans applying form a part of this proposal.

This proposal is supported by the following bid surety as required by law and signatures affixed thereto constitute both a proposal and bid surety executed by the bidder.

BID SURETY (REQUIRED BY LAW):

BOND FORM: (USE THIS BOND FORM—NO ALTERNATE FORM OF BOND WILL BE CONSIDERED).

KNOW ALL MEN BY THESE PRESENTS, THAT we, the undersigned, are held and firmly bound unto the City of Fort Wayne, State of Indiana, in the sum of 742,500.00

to be paid on demand to said City of Fort Wayne, its successors and assigns for which payment well and truly to be made, we hereby bind ourselves, our heirs, successors, executors, and administrators, jointly and severally firmly by these presents.

The condition of this obligation is such that if the bid or proposal attached hereto and made a part hereof and submitted to the within named division of the City of Fort Wayne or its duly constituted agent, is accepted and a contract awarded to the undersigned bidder and the said bidder shall within ten (10) days after notice of said award enter into a contract with the said City of Fort Wayne, State of Indiana, and shall secure the performance of the same by bond or otherwise as may be required to the satisfaction of the City of Fort Wayne, Indiana then this obligation shall be null and void; otherwise to be in full force and effect.

BID CHECK (ALTERNATE FORM OF SURETY): If a corporate surety is furnished, it is necessary that a certificate authorizing the "attorney-in-fact" to sign the bond accompanying the same.

Certified Cashiers Check No. in the sum of

on Dollars
of Bank
is herewith submitted and deposited in lieu of bond under the same terms and conditions as set forth in the above bond.
Note: If Check is used as Bid Surety—Attach here.

SIGNATURES (BID SURETY AND PROPOSAL):

Witnessed by:

OTHER PARTIES INTERESTED IN
THIS PROPOSAL
(See 14—Signatures under General Conditions, etc.)

List all Parties if Partnership

Witnessed by:

BIDDER
AND
PRINCIPAL

SURETY

Meek Mack Inc
Name of Bidder—Print or Type
By Frank R. Meek, V.P.
Signature of Person Authorized to Sign
Title V.P.
3125 V.S. 30. West
Street Name and Number
Ft. Wayne Ind. 46808
City, State and Zip Code
Date 6-27-74

Name of Company — Print or Type
Incorporated
In the State of:

Address.....

By.....
Sign on this Line

Date.....

Note See Attached Bond.

DIGEST SHEETTITLE OF ORDINANCE Approval of contract with Meek-Mack, Inc. *d-74-09-13*

DEPARTMENT REQUESTING ORDINANCE Public Safety (Fire Department)

SYNOPSIS OF ORDINANCE Assignment of P.O.#3-26122-H to low bidder, Meek-Mack,
for 10 fire pumper per bid #593 and letter of prior approval.

EFFECT OF PASSAGE Obtain vehicles necessary to update fire service.

EFFECT OF NON-PASSAGE failure to properly update fire service

MONEY INVOLVED (Direct Costs, Expenditures, Savings) \$777,831.30

ASSIGNED TO COMMITTEE (J. N.)

Finance